



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of: **Dean DellaPenna *et al.***  
Serial No.: **10/751,235** Group No.: **1638**  
Filed: **01/02/2004** Examiner: **Worley, C.K.**  
Entitled: **Novel Carotenoid Hydroxylases For Use In  
Engineering Carotenoid Metabolism In Plants**

**RESPONSE TO OFFICE ACTION  
MAILED DECEMBER 18, 2006**

Mail Stop Amendments  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8(a)(1)(i)(A)**

I hereby certify that this correspondence (along with any referred to as being attached or enclosed) is, on the date shown below, being deposited with the U.S. Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Dated: February 20, 2007

By: 

Jennifer B. Xistris

Dear Madam:

The following communication is a complete response to the Final Office Action mailed in order to provoke an Advisory Action. There are no amendments to the Claims. Applicant respectfully requests reconsideration of the application in view of the following remarks.